



EQUIPMENT & FACILITIES ITEM DESCRIPTION

- 1 TURBINE BUILDING UNIT 1 & 2
- 2 COAL HANDLING BAY
- 3 BOILER BUILDING
- 4 BAGHOUSE
- 5 UNUSED
- 6 I.D. FANS
- 7 ABSORBER
- 8 ABSORBER PUMP & ELECTRICAL BUILDING
- 9 CHIMNEY
- 10 CEMS BUILDINGS
- 11 CONTROL BUILDING (WITH DIESEL GENERATORS, AIR COMPRESSORS)
- 12 SERVICE BUILDING & AUX. BOILER
- 13 1ST FLOOR MAINTENANCE FACILITIES
- 14 2ND FLOOR ADMINISTRATION FACILITIES
- 15 WATER TREATMENT BUILDING & BULK ACID/CAUSTIC STORAGE TANKS
- 16 DEMINERALIZED WATER TANK
- 17 SERVICE WATER TANK
- 18 FUEL OIL STORAGE TANK
- 19 FUEL OIL PUMP HOUSE
- 20 3 DAY ACTIVE COAL STORAGE & RECLAIM FACILITY
- 21 PROPOSED GYPSUM WALL BOARD PLANT
- 22 CONDENSATE STORAGE TANK
- 23 ABSORBER HOLDING TANK
- 24 FLY ASH SILO (72HRS)
- 25 FLY ASH VACUUM BLOWER & ELECTRICAL BUILDING
- 26 BOTTOM ASH BINS
- 27 HYDROGEN & CARBON DIOXIDE AREA
- 28 WAREHOUSE
- 29 UNUSED
- 30 GUARDHOUSE
- 31 WASTE NEUTRALIZATION TANK
- 32 MAIN POWER TRANSFORMER
- 33 UNIT AUX. TRANSFORMER
- 34 STATION AUXILIARY TRANSFORMER
- 35 UREA SYSTEM STORAGE SILO
- 36 UREA SYSTEM BLOWER BLDG.
- 37 UREA/AMMONIA ENCLOSURE
- 38 CIRCULATING WATER INTAKE PIPE
- 39 CIRCULATING WATER INTAKE PUMP HOUSE
- 40 CIRCULATING WATER SUPPLY PIPE
- 41 CIRCULATING WATER DISCHARGE PIPE
- 42 PIPE RACK
- 43 STORM WATER BASIN
- 44 COAL CAR DUMPER & TRAIN POSITIONER
- 45 UNUSED
- 46 COAL TRANSFER TOWER 3
- 47 COAL TRANSFER TOWER 4
- 48 COAL TRANSFER TOWER 5
- 49 COAL TRANSFER TOWER 6
- 50 COAL CRUSHER HOUSE
- 51 COAL RECLAIM HOPPER - PILE A
- 52 COAL RECLAIM HOPPER - PILE B
- 53 COAL SHIP UNLOADER & HOPPERS
- 54 COAL PILE SEDIMENTATION BASIN
- 55 ASH REBURN HOPPER BLDG.
- 56 SEAL WELL STRUCTURE
- 57 COAL YARD MAINTENANCE BUILDING
- 58 COAL TRANSFER TOWER 7
- 59 LIMESTONE BARGE UNLOADING PAD W/BARGE UNLOADER AND HOPPER/FEEDER
- 60 LIMESTONE RECLAIM HOPPER ENCLOSURE
- 61 LIMESTONE SILOS, MILL & PREPARATION BUILDING
- 62 LIMESTONE CONVEYORS
- 63 LIMESTONE PILE PERIMETER DRAINAGE AREA
- 64 LIMESTONE SLURRY STORAGE TANKS
- 65 UNUSED
- 66 GYPSUM STORAGE BUILDING (3 DAY STORAGE)
- 67 GYPSUM DEWATERING BUILDING
- 68 PRIMARY GYPSUM DEWATERING TANKS
- 69 UNUSED
- 70 WASTE WATER COLLECTION & EQUALIZATION BASIN
- 71 WASTE WATER TREATMENT BLDG.
- 72 COAL HANDLING CONTROL/SWITCHGEAR BLDG.
- 73 UNUSED
- 74 IGCC POWER BLOCK
- 75 IGCC AIR SEPARATION UNIT
- 76 IGCC GASIFICATION FACILITY
- 77 IGCC ACID GAS REMOVAL UNIT
- 78 IGCC SULFUR RECOVERY UNIT
- 79 IGCC COAL PREPARATION
- 80 IGCC STORM WATER BASIN
- 81 IGCC FLARE
- 82 IGCC SULFURIC ACID STORAGE TANKS
- 83 IGCC WASTE WATER TREATMENT
- 84 IGCC SLAG STORAGE SILO
- 85 FLY ASH STORAGE BUILDING
- 86 SWITCHYARD EXPANSION FOR SPC & IGCC UNITS
- 87 EXISTING UNITS 5 TO 8 TURBINE ROOMS (NOT SHOWN)
- 88 EXISTING UNITS 5 TO 8 BOILER ROOMS (NOT SHOWN)
- 89 UNIT NO. 9 BUILDING (NOT SHOWN)
- 90 IGCC FUEL OIL TANK
- 91 UNUSED
- 92 GYPSUM CONVEYOR
- 93 GYPSUM HOPPER FOR BARGE LOADING CONVEYOR
- 94 GYPSUM BARGE LOADING CONVEYOR
- 95 GYPSUM PILE PERIMETER DRAINAGE AREA

NOTES

1. THE COORDINATES USED ARE BASED ON N. 10000 & E. 10000 BEING EQUAL TO THE PLANT & DOCK BASE LINE OF N. 0.0 & E. 0.0, BEING EQUAL TO NORTH 317,087.42, EAST 2,581,651.85 WISCONSIN STATE PLANE SYSTEM GRID (REF RUEKERMELKE EXISTING BASELINE)
2. ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL FOR OAK CREEK PLANT DATUM ELEVATIONS SUBTRACT 581.2' (PLANT ELEVATION 0'-0" 0.0000' = 581.2 MSL)
3. SPC PLANT GRADE IS 592'-0" (PLANT ELEVATION = 10.8) COAL HANDLING GRADE IS 700'-0" (PLANT ELEVATION = 118.8)

Figure Vol. 2-2
Plant Equipment Layout -
South Site